

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Kenji KAWADA et al. Conf.:
Appl. No.: NEW Group: Unassigned
Filed: November 12, 2003 Examiner: UNASSIGNED
For: NOVEL PARA-TERPHENYL COMPOUNDS

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 7, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicants hereby submit an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 forms, attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 forms is requested since any patents, publications, or other information which are listed on the PTO-1449 forms but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No.
09/214,277

U.S. Filing Date
March 1, 1999

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Marc S. Werner (D. No. 40,069)
Marc S. Werner, #32,181

BS
MSW/TBS/bsh
0032-0280P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s) : ☒ PTO-1449(s)

☐ References

☐ Foreign Search Report

☐ Other:

(Rev. 09/30/03)

Form PTO-1449				ATTY. DOCKET NO. 0032-0280P		APPLICATION NO. NEW	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT Kenji KAWADA et al.			
				FILING DATE November 12, 2003		GROUP Unassigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,560,864		1996-10-01	Goulding			

FOREIGN PATENT DOCUMENTS									
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	JP	5-25145	A	1993-02-02	JAPAN				
	JP	6-507987	A	1994-09-08	JAPAN				
	JP	8-277247	A	1996-10-22	JAPAN				
	WO	96/10012	A1	1996-04-04	PCT				
	JP	43-19935	B	1943-08-28	Japan				

OTHER DOCUMENTS	
(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)	
	Akihide, K.: A Prototype Drug for IgE Antibody Synthesis Modulation, Agents and Actions Supplements, 1991, vol. 34, p. 369-378
	Kallitsis, J.K., Synthesis and Characterization of Soluble Aromatic Polyesters Containing Oligophenyl Moieties in the Main Chain., Macromolecules, 1994, Vol. 27, p. 4509-4515
	Kakali, F. et al. Synthesis and Characterization of Soluble Aromatic Polyesters Derived from Substituted Terphenyl and Quinquephenyl Diols, J. Polymer Science part A Polymer Chemistry, June 1996, Vol. 34, No. 2, p. 1581-1587
	Wagner, Gabriele et al. Ferrocene derivatives containing anthracene linked by spacers, J. Organomet. Chem., June 1996, Vol. 516, p. 225-232
	Akira Suzuki et al., New Synthetic Reactions of Organoboron Compounds By Transition Metal Catalysts (in Japanese) The Journal of Synthetic Organic Chemistry Japan, 1993, Vol. 51, No. 11, pages 91 to 100
	Tringali, C. et al. Previously unreported p-terphenyl derivatives with anti-biotic properties from the fruiting bodies of Sarcodon leucopus (Basidiomycetes)., Can. J. Chem., 1987, Vol. 65, p. 2369-2372
	Yanagihara et al., "Suppression of IgE Production by IPD-1151T (Suplatast Tosilate), a New Dimethylsulfonium Agent: (2) Regulation of Human IgE Response," Japan J. Pharmacol. (1993), Vol. 61, pages 31-39.
	Loh et al., "Disodium Cromoglycate Inhibits $\mu \rightarrow \gamma$ Deletional Switch Recombination and IgE Synthesis in Human B Cells," J. Exp. Med. (1994), Vol. 180, pages 663-671.
	Loh et al. "Mechanisms of inhibition of IgE synthesis by nedocromil sodium: Nedocromil sodium inhibits deletional switch recombination in human B cells," J. Allergy Clin. Immunol. (1996), Vol. 97, pages 1141-1150.
	Hasegawa et al. "Novel Naphthalene Derivatives as Inhibitors of Human Immunoglobulin E Antibody Production," J. Med. Chem. (1997), Vol. 40, pages 395-407.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">ATTY. DOCKET NO. 0032-0280P</td> <td style="width:50%;">APPLICATION NO. NEW</td> </tr> <tr> <td colspan="2">APPLICANT Kenji KAWADA et al.</td> </tr> <tr> <td>FILING DATE November 12, 2003</td> <td>GROUP Unassigned</td> </tr> </table>	ATTY. DOCKET NO. 0032-0280P	APPLICATION NO. NEW	APPLICANT Kenji KAWADA et al.		FILING DATE November 12, 2003	GROUP Unassigned
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	✓US 4,594,465		1986-06-10	Kam Ming Chan et al.			
	✓US 5,494,605		1996-02-27	Kurihara et al.			
	✓US 5,487,845		1996-01-30	Reiffenrath et al.			
	✓US 5,417,885		1995-05-23	Suzuki et al.			
	✓US 5,968,980		1999-10-19	Kawashima et al.			
	✓US 4,728,670		1988-03-01	Haslanger et al.			
	✓US 5,871,665		1999-02-16	Coates et al.			
	✓US 5,750,051		1998-05-12	Goulding et al.			
	✓US 3,624,142		1971-11-30	Shen et al.			
	✓US 4,495,202		1985-01-22	Matsumoto et al.			

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	✓JP	62-294650	A	1987-12-22	Japan				
	✓WO	96-18606	A1	1996-06-20	PCT				
	✓JP	60-13730	A	1985-01-24	Japan				
	EP	0 769 299	A1	1997-04-23	EPO				
	✓GB	2 200 912	A	1988-08-17	Great Britain				
	✓GB	2 198 743	A	1988-06-22	Great Britain				
	✓GB	2 240 778	A	1991-08-14	Great Britain				
	✓WO	93/22397	A1	1993-11-11	EPO				

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Li et al., "Novel Terphenyl as Selective Cyclooxygenase-2 Inhibitors and Orally Active Anti-inflammatory Agents," J. Med. Chem. (1996), Vol. 39, pages 1846-1856.
	Takahashi et al. "The Structures of Toxic Metabolites of <i>Aspergillus candidus</i> . I. The Compounds A and E, Cytotoxic p-Terphenyls," Chem. Pharm. Bulletin (1976), Vol. 24, No. 4, pages 613-620.
	Vining et al. "3-Hydroxyterphenyllin, A New Metabolite of <i>Aspergillus Candidus</i> ," The Journal of Antibiotics (1979), Vol. 32, No. 6, pages 559-564.
	Kobayashi et al. "p-Terphenyls with Cytotoxic Activity toward Sea Urchin Embryos," Agric. Biol. Chem. (1985), Vo. 49, No. 3, pages 867-868.
	STN search results (May 30, 1996 and June 27, 1997)

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